

XP-002148962

AN - 1993-140481 [17]

A - [001] 014 02& 040 08- 10- 141 143 144 15& 15- 151 155 157 158 231 239  
24& 263 293 308 31- 310 331 342 359 368 386 392 393 394 437 456 463  
476 479 512 531 541 545 551 556 689 721 725

AP - JP19910243774 19910924

CPY - INUI-I

- SUMB

DC - A23 E32

DR - 1520-U

FS - CPI

IC - C08G81/00 ; C08K3/22 ; C08K9/04 ; C08L67/02 ; C08L77/00

KS - 0000 0016 0183 0184 0218 0219 0226 1283 1291 1292 1999 2000 2014 2043  
2065 2177 2180 2197 2198 2218 2319 2326 2332 2467 2510 2542 2544 2545  
2560 2600 2607 2617

MC - A05-E01A2 A05-F01B1 A05-F01B2 A07-A03A A07-A03C A08-M10 E35-C

M3 - [01] A430 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M781  
M903 M904 M910 Q130; R01520-U

PA - (INUI-I) INUI T

- (SUMB ) SUMITOMO BAKELITE CO

PN - JP5078561 A 19930330 DW199317 C08L67/02 008pp

PR - JP19910243774 19910924

XA - C1993-062906

XIC - C08G-081/00 ; C08K-003/22 ; C08K-009/04 ; C08L-067/02 ; C08L-077/00

AB - J05078561 The resin compsn. is obtd. by adding (C) 0.1-10 pts.wt. of a thermoplastic polymer obtd. by melt reaction of (a) 80-20 pts.wt. of an aromatic polycarbonate resin, (b) 20-80 pts.wt. of a polyamide resin and (c) 0.01-10 pts.wt. of zinc oxide w.r.t. 100 pts.wt. of (a)+(b) for 10-240 mins. at 240-300 deg.C to (A) 95-5 pts.wt. of a polyester resin and (B) 5-95 pts.wt. of a polyamide resin w.r.t. 100 pts.wt. of (A)+(B).

- USE/ADVANTAGE - The thermoplastic polymer improves compatibility between the polyester resin and the polyamide resin and the obtd. thermoplastic resin compsns. consisting of polyester resin and polyamide resin have merits of both resins, i.e., excellent heat, impact and chemical resistance and mouldability.

- In an example, mixt. of 70 pts.wt. 'U-polymer-R U-1060; (RTM), 30 pts.wt. 'UBE Nylon 1013FB'(RTM), and 1 pt.wt. zinc oxide was melt kneaded for 30 mins. at 240-270 deg.C, cooled and ground to give a thermoplastic polymer. A mixt. of 60 pts.wt. 'Panlite RL-1225;(RTM), 40 pts.wt. 'UBE Nylon 1013FB'(RTM) and 1 pt.wt. of the thermoplastic polymer was blended for several mins. and kneaded at 230-250 deg.C to give pellets. (Dwg.0/0)

CN - R01520-U

IW - THERMOPLASTIC RESIN COMPOSITION HEAT IMPACT CHEMICAL RESISTANCE OBTAIN  
ADD THERMOPLASTIC POLYMER PREPARATION POLYARYLATE RESIN POLYAMIDE  
RESIN ZINC OXIDE POLYESTER RESIN POLYAMIDE RESIN

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ADD THERMOPLASTIC POLYMER PREPARATION POLYARYLATE RESIN POLYAMIDE  
RESIN ZINC OXIDE POLYESTER RESIN POLYAMIDE RESIN

NC - 001

OPD - 1991-09-24

ORD - 1993-03-30

PAW - (INUI-I) INUI T

- (SUMB ) SUMITOMO BAKELITE CO

TI - Thermoplastic resin compsns. having heat, impact and chemical resistance - obtd. by adding thermoplastic polymer prepd. from polyarylate resin, polyamide resin and zinc oxide to polyester resin and polyamide resin